

PATENT ABSTRACTS OF JAPAN

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(57)Abstract:

PURPOSE: To attain a high speed response by retrieving graphic information by introducing a binary tree to a system for retrieving graphic information by defining a coordinate to be a key and editing and outputting.

CONSTITUTION: In order to retrieve the large quantity of the graphic information, the binary tree for enclosing the graphic information, holding a rectangle coordinate (the diagonal vertex of a rectangle, for instance, coordinates of lower left and upper right vertexes of the rectangle) circumscribing thereto and constituted of plural nodes (respectively corresponding to one graphic a piece of graphic information) having a priority applied respectively by defining the coordinate to be a reference is introduced to retrieve the graphic information based on this binary tree. At the time of retrieving, all the tree nodes are not searched but the retrieval according to the priority of the node is carried out. Thereby, the target graphic information can be made access at high speed.

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